

**Nashville State Community College
Industrial Process Control Technology
Process Technician Concentration
A.A.S Degree Plan**

This sequence can be followed by students who begin college-level work in the fall semester. Prerequisites may apply to specific courses; it is the student's responsibility to determine if prerequisites have been met. Additional semesters will be required if prerequisite courses, including Learning Support courses, must be completed. Prior to registering each semester, the student is expected to consult with his/her advisor.

NAME: _____ **A#** _____ **CATALOG YR:** 2014-2015

FIRST YEAR – FALL SEMESTER					NOTES/COMMENTS
Course No. and Title	Cr.	Term	Grade	Prerequisite	
MATH 1630 Finite Mathematics	3			Completion of all competencies in LS math	
ENGL 1010 English Composition I	3			Completion of all competencies in LS reading and writing	
PTEC 1020 Orientation to Industrial Safety	3				
PTEC 1050 Intro to Process Control	3				
PTEC 2000 Electricity I	5			Completion of all competencies in LS math	
Total Credit Hours	16				
FIRST YEAR – SPRING SEMESTER					
Course No. and Title	Cr.	Term	Grade	Prerequisite	
PTEC 1060 Process Technology I: Equipment	4			PTEC 1020, PTEC 1050	
PTEC 2010 Electricity II	5			PTEC 2000	
SPCH 1010 Fundamentals of Speech Comm. or SPCH 1112 Speech	3			ENGL 1010	
PTEC 2020 Quality	3				
Total Credit Hours	15				
SECOND YEAR – FALL SEMESTER					
Course No. and Title	Cr.	Term	Grade	Prerequisite	
PTEC 1010 Technical Chemistry	5			Completion of all competencies in LS reading and writing	
PTEC 2050 Instrumentation I	4				
¹ HUMANITIES	3			Completion of all competencies in LS reading and writing	
PTEC 1070 Process Technology II: Systems	4				
Total Credit Hours	16				
SECOND YEAR – SPRING SEMESTER					
Course No. and Title	Cr.	Term	Grade	Prerequisite	
PTEC 1080 Process Technology III: Operations	4			PTEC 1070	
PTEC 2060 Instrumentation II	5			PTEC 2050	
² SOCIAL SCIENCE	3			Completion of all competencies in LS reading and writing	
Total Credit Hours	12				

¹ **Humanities and/or Fine Arts** (at least one must be literature): Choose from ART 1030; ARTH 2010, 2020; ENGL 2010, 2020, 2030, 2110, 2120, 21332140, 2210, 2220, 2310, 2320; MUS 1030; PHIL 1030, 1111, 2022, 2200; THEA 1030.

² **Social/Behavioral Sciences**: Choose from ECON 2010, 2020; GEOG 1010, 1020; POLS 1030, 2010; PSYC 1030, 2120, 2130; SOCI 1010, 1020, 2010

³ **History**: Choose from HIST 1110-1120, HIST 2010-2020, HIST 2030

⁴ **Mathematics**: Choose from MATH 1010, MATH 1130, MATH 1530, MATH 1630, MATH 1710, MATH 1720, MATH 1730, MATH 1830, MATH 1910

⁵ **Natural Sciences**: Choose from BIOL 1010-1020, BIOL 1110-1120, BIOL 2010- 2020, BIOL 2115, BIOL 2211, CHEM 1110-1120, CHEM 1030, ASTR 1010, ASTR 1020, GEOL 1040, GEOL 1110, PSCI 1030, PHYS 2010-2020, PHYS 2110-2120, PSCI 1030

^{1 2 3 4 5} The above listed courses in the general education areas of Humanities and/or Fine Arts, Social/Behavioral Sciences, and History are recommendations. Students should consult with his/her advisor regarding other general education course options. Revised 07/20/13